
Product Data Sheet

Product Name: CP-96486

Cat. No.: GC31923

Chemical Properties

Cas. No. 139401-45-9

SMILES CC(N1C2=CC=C(OCC3=CC(/C=C/C4=NC5=CC(CI)=CC=C5C=C4)=CC=C3)C=C2)=NC6=C1C=CN=C6Formula C₃₁H₂₃ClN₄O

M.Wt

502.99

Solubility Soluble in DMSO

Storage

Store at -20°C

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath tips for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon Condition request.

Structure

Background

CP-96486 is a potent and orally active leukotriene D4 (LTD4)/platelet activating factor (PAF) receptor antagonist with Kis of 20 and 24 nM, respectively.

CP-96486 (CP-96,486) antagonizes 3H-LTD4 binding to guinea pig lung membranes and 3H-PAF binding to rabbit platelets with Ki's of 20 and 24 nM respectively[1].

CP-96486 (CP-96,486) inhibits iv LTD4- and iv PAF-induced bronchoconstriction in guinea pigs with ED50's of 0.27 and 0.26 mg/kg p.o. respectively[1].

[1]. A.Marfat,et al. The discovery of CP-96,021 and CP-96,486, balanced, combined, potent and orally active leukotriene D4(LTD4)/platelet activating factor (PAF) receptor antagonists.

Caution: Product has not been fully validated for medical applications. For research use only.

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